

JC06 Rec'd PCT/PTO 17 JUN 2005

## UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Hubert Groll et al  
Application Number: Unassigned  
Filing Date: Concurrently Herewith  
Group Art Unit:  
Examiner:  
Title: DISHWASHER WITH AN ENERGY-SAVING HEATING  
MODE AND METHOD THEREFOR

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 C.F.R. 1.98, I am submitting a completed "INFORMATION DISCLOSURE STATEMENT BY APPLICANTS" (*Form PTO/SB/08A*) with patents and/or publications as delineated therein attached.

EP 0 593 876 A1 discloses a method to provide an apparatus for rinsing dishes (15) with which the article (15) to be rinsed can be cleaned, in a simple way, very quickly but without reducing the hygienic cleaning action, even by the user of drink-dispensing machines himself, and in which the water and energy requirement is kept as low as possible and the emission of chemicals is avoided as far as possible, the apparatus is a mini-dishwashing machine (1, 1', 1'') with a program-control device (14), the program-control device (14)

containing a rinsing program consisting of the subprogram sections "First application of water-permeated steam to the article (15) to be rinsed", "Application of hot water mixed with cleaning agent to the article (15) to be rinsed", "Second application of water-permeated steam to the article (15) to be rinsed" and "Cooling of certain areas of the article (15) to be rinsed"; it being possible for a subprogram "Clear rinsing" to be optionally inserted into the rinsing program before the subprogram "Cooling of certain areas of the article (15) to be rinsed" and/or a subprogram "Drying" to be optionally added to the rinsing program after the final subprogram, and a separate container (20, 30, 40, 50) being provided for any liquid used in the respective subprogram, in which containers the liquids are permanently held on standby in the switched-on state of the apparatus.

DE 1 226 248 B1 discloses a dishwasher 1 having upper and lower spray arms 2. A continuous run-through heater 4 is disposed in a circulation path including the spray arms 2 and a circulation pump 5, the heater 5 being operable to heat a liquid during the pre-wash operation of the circulation pump 5.

DE 197 58 064 A1 discloses that during the prewash part of a dishwasher program cycle the main wash water is introduced into a reservoir and a standby program is operated to heat the water by circulation round the wash chamber in preparation for the main wash part of the program.

DE 197 58 063 A1 discloses that during the prewash part of a dishwasher program cycle the main wash water is introduced into a reservoir and heated by means of a heat exchanger in preparation for the main wash part of the program.

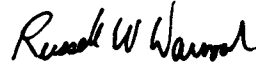
DE 197 58 062 A1 discloses that during the prewash part of a dishwasher program cycle, the main wash water is introduced into a reservoir and heated in preparation for the main wash part of the program.

EP 1 082 938 A2 discloses a dishwasher and the dishwasher (1) has spray arms (3) and a tank (2) in which used water is held. A heat exchanger (4) contains an optional electric heater and a copper inlet pipe (5) for fresh water for the main wash which is then led into a boiler (7) for finish heating and delivery to the spray arms.

If no translation of pertinent portions of any foreign language patents or publications mentioned within the "INFORMATION DISCLOSURE STATEMENT BY APPLICANTS"

is included with the aforementioned copies of those applications, patents and/or publications, it is because no existing translation is readily available to the Applicants. As per the Notice in 1273 OG 55 (August 5, 2003) no copies of any above-mentioned US patents and US patent application publications are submitted for this application which was filed after June 30, 2003.

Respectfully submitted



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June 17, 2005

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Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO

**(Use as many sheets as necessary)**

**Complete if Known**

10/539862

Application Number	Unassigned: 10/539862
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Filing Date	Herewith
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First Named Inventor	Hubert Groll et al
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Art Unit	4132
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Examiner Name	Natasha Smith
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Attorney Docket Number	2002P01281WOUS
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Sheet	1	of	2
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
/nns/		EP 0 593 876 A1	04-27-1994	Stickel, Ernst et al		
/nns/		DE 1 226 248 B1	10-06-1966	Wilfried Huettemann		
/nns/		DE 197 58 064 A1	07-01-1999	Stickel, Ernst et al		
/nns/		DE 197 58 063 A1	07-01-1999	Stickel, Ernst et al		
/nns/		DE 197 58 062 A1	07-01-1999	Stickel, Ernst et al		
/nns/		EP 1 082 938 A2	03-14-2001	Egon Kulbach		

Examiner Signature	/Natasha Smith/	Date Considered	11/21/2008
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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17JUN2005

PTO/SB/08A (08-03)

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

Sheet	2	of	2
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**Complete if Known**

Application Number	Unassigned 539802
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**Filing Date** | **Herewith**

First Named Inventor	Hubert Groll et al
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Art Unit	4132
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Examiner Name	Natasha Smith
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Attorney Docket Number	2002P01281WOUS
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## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> ~Number <sup>4</sup> ~Kind Code <sup>5</sup> ( <i># known</i> )				
/nns/		International Search Report for PCT/EP2003/014018		05-08-2004		✓

Examiner Signature	/Natasha Smith/	Date Considered	11/21/2008
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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